Quantitation Report (Qedit)

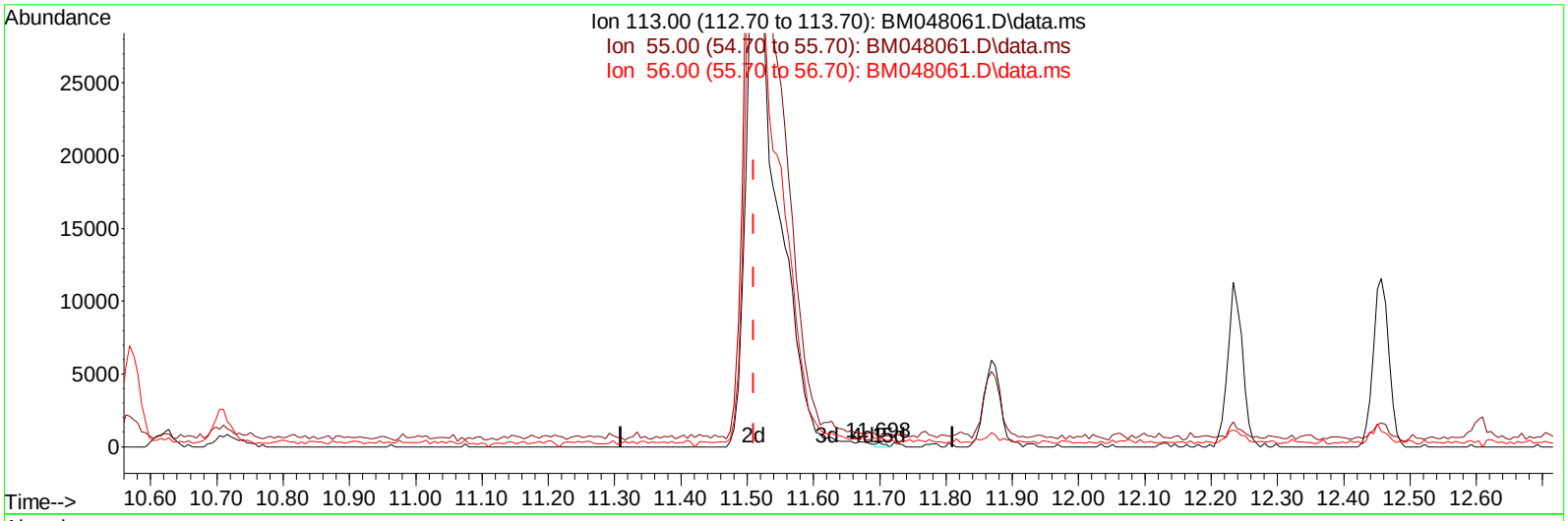
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048061.D
Acq On : 15 Oct 2024 15:09
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

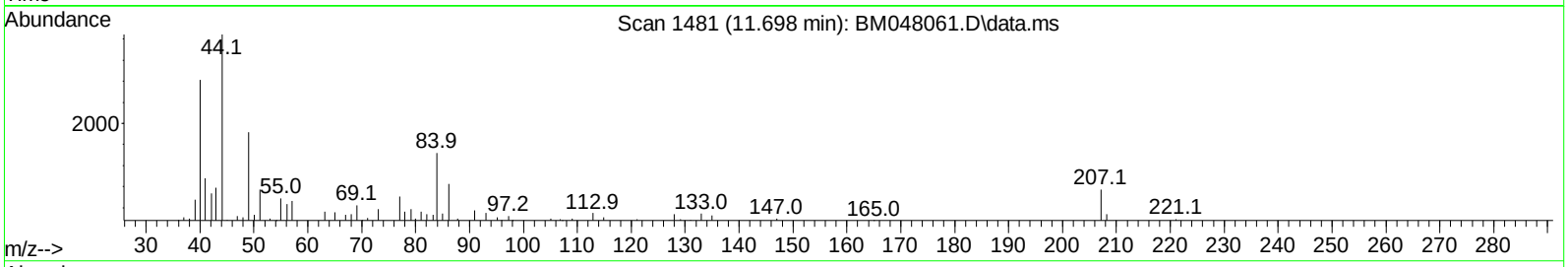
Quant Time: Oct 15 15:55:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

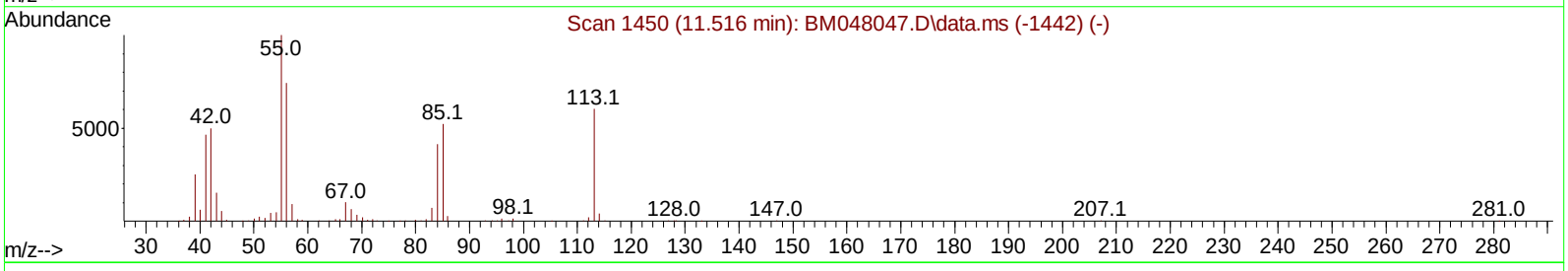
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024







TIC: BM048061.D\data.ms

(34) Caprolactam

11.698min (+ 0.188) 0.04 ng/ul

response 220

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	195.92
56.00	164.10	157.14
0.00	0.00	0.00

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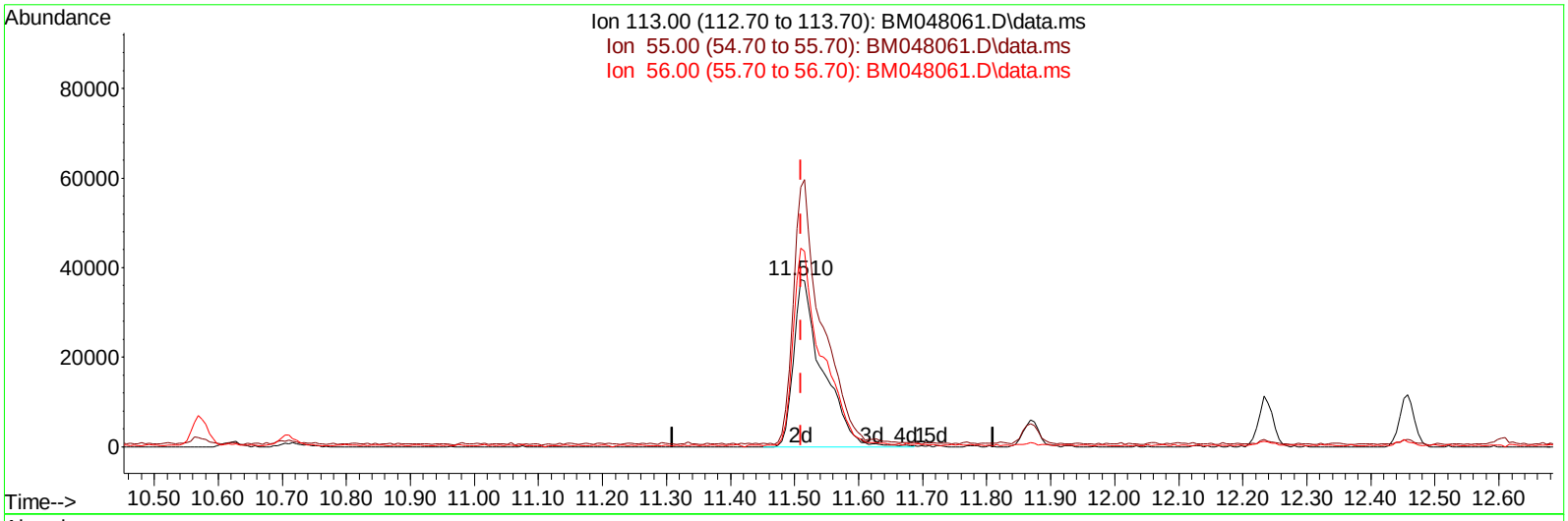

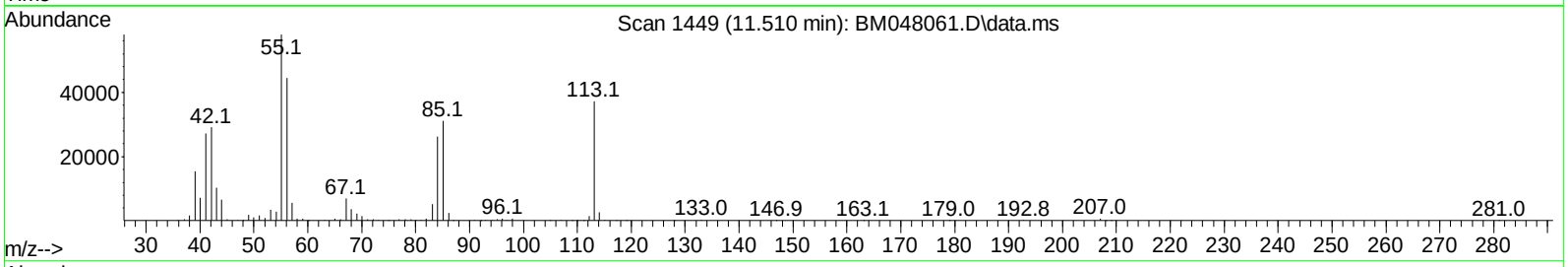

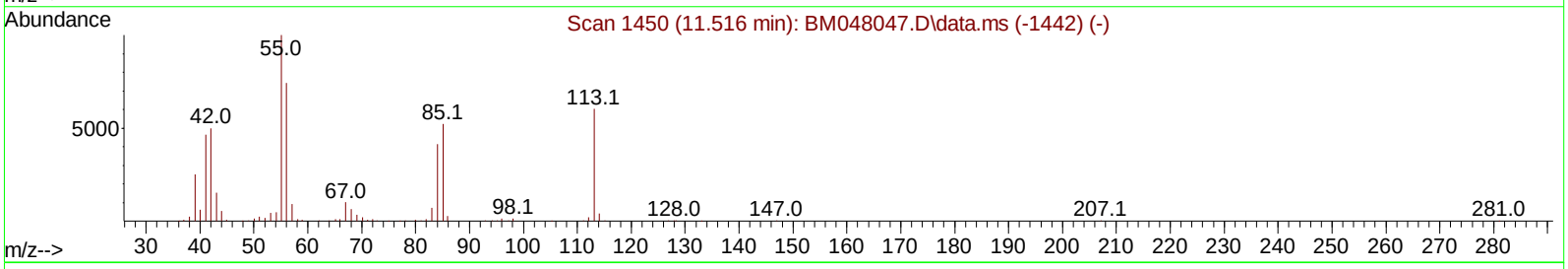

TIC: BM048061.D\data.ms

(34) Caprolactam

11.510min (+ 0.000) 21.04 ng/ul m

response 117122

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	155.60#
56.00	164.10	119.17#
0.00	0.00	0.00

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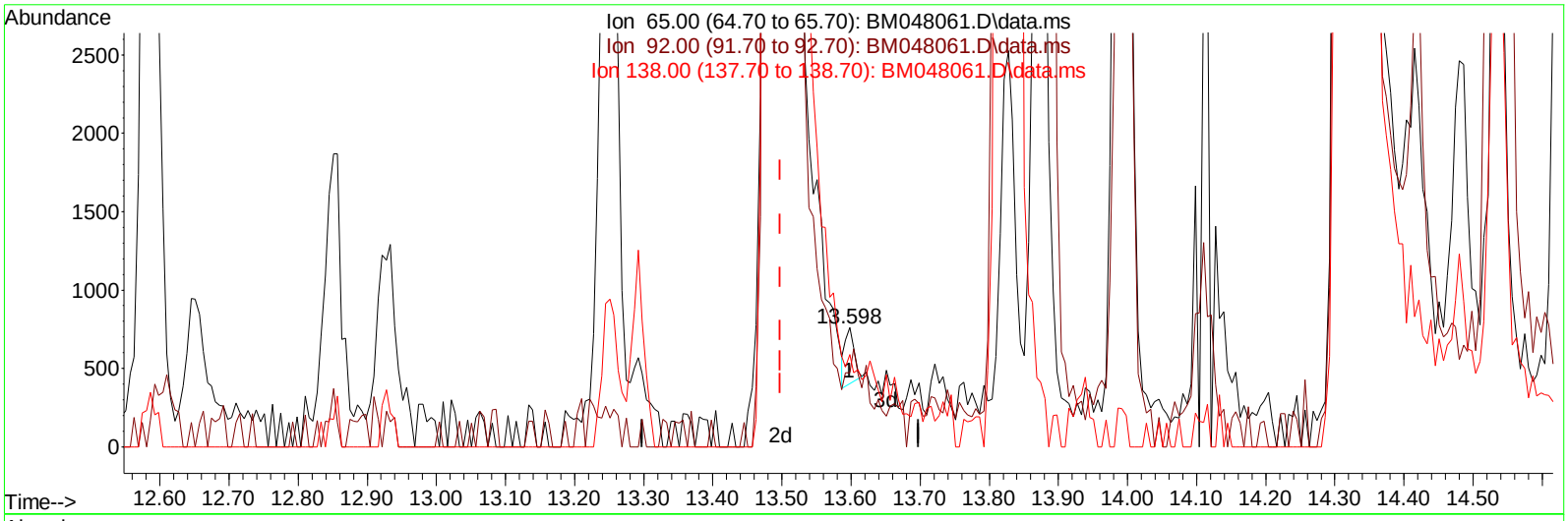

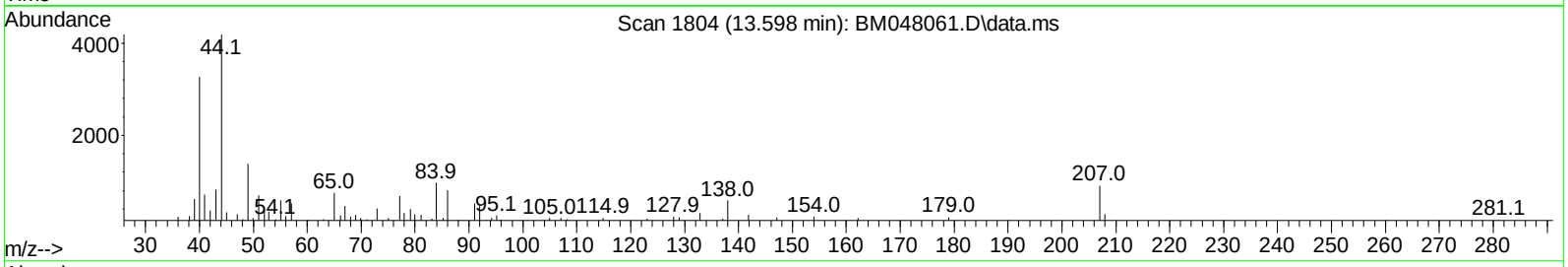

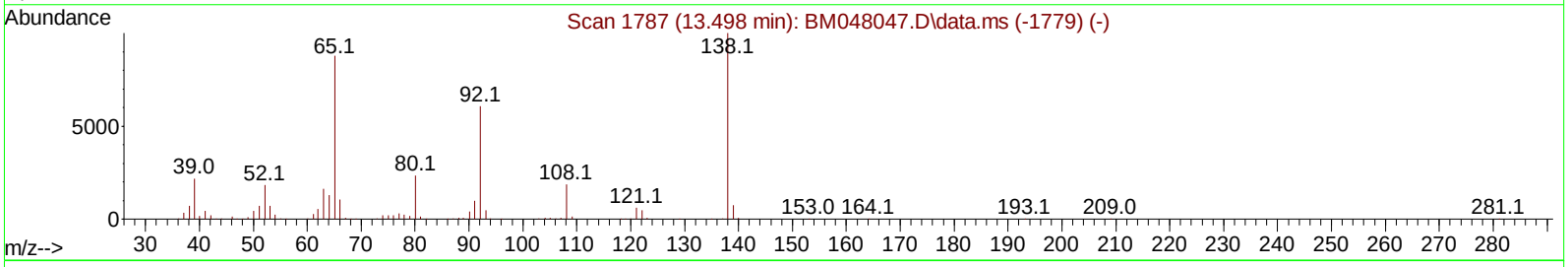

TIC: BM048061.D\data.ms

(45) 2-Nitroaniline

13.598min (+ 0.100) 0.02 ng/ul

response 335

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	61.40	62.37
138.00	84.50	77.63
0.00	0.00	0.00

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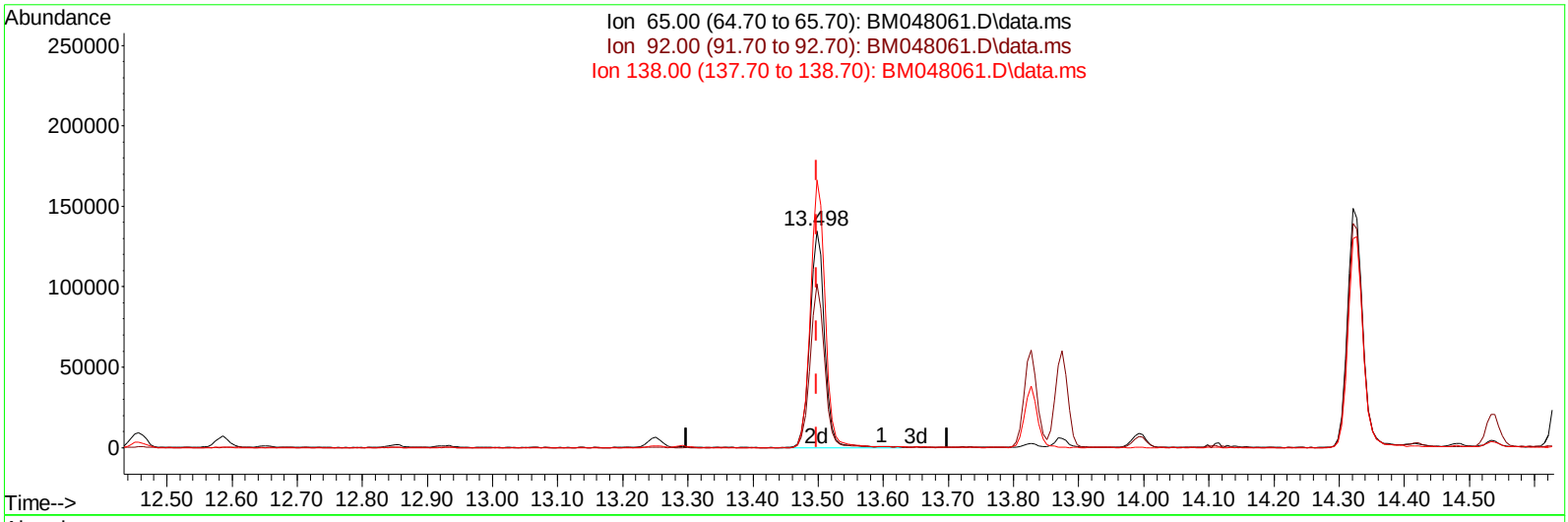

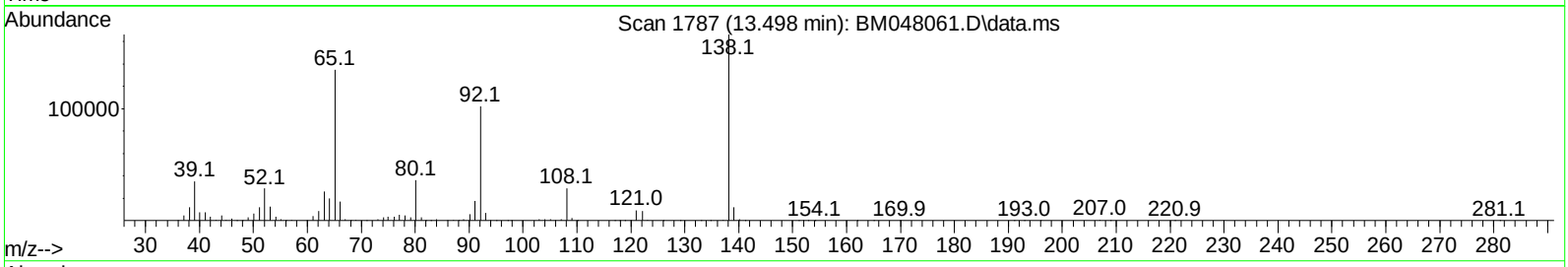

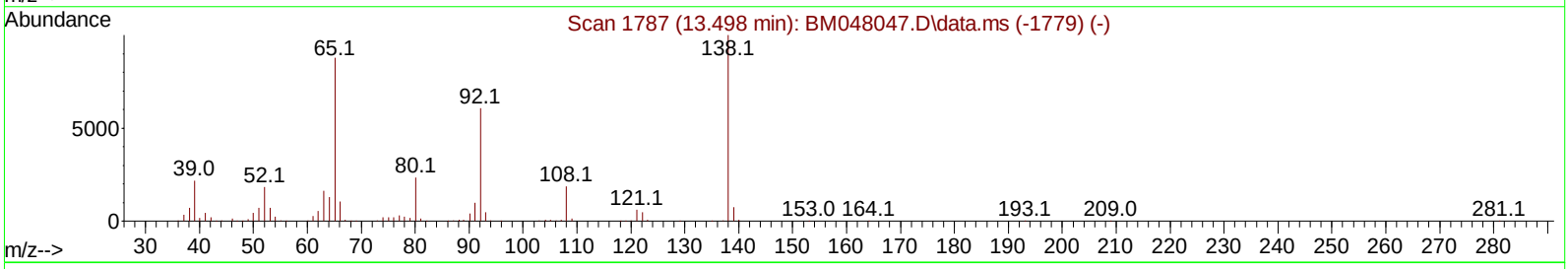

TIC: BM048061.D\data.ms

(45) 2-Nitroaniline

13.498min (+ 0.000) 15.79 ng/ul m

response 214277

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	61.40	75.69#
138.00	84.50	123.48#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	270460	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	1105761	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.421	164	690456	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.162	188	1364608	20.000	ng/ul	0.00
79) Chrysene-d12	21.392	240	1183166	20.000	ng/ul	0.00
88) Perylene-d12	24.386	264	1332404	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	51677	6.175	ng/uL	0.00
4) Pyridine-d5	3.652	84	374048	15.264	ng/ul	0.00
7) Phenol-d5	6.957	99	445769	17.430	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	256959	14.159	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	385829	20.736	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	347514	18.276	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	186668	21.202	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	207614	24.608	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	360574	21.394	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	484231	18.584	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	989586	19.769	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	1158774	19.524	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	183676	18.429	ng/ul	0.01
60) Fluorene-d10	15.410	176	836901	19.301	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	170218	21.316	ng/ul	0.00
73) Anthracene-d10	17.257	188	1282759	19.117	ng/ul	0.00
81) Pyrene-d10	19.551	212	1435969	21.384	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.180	264	1343033	19.427	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	56799	6.213	ng/uL	87
5) Pyridine	3.675	79	386820	14.994	ng/ul#	83
6) Benzaldehyde	6.922	77	252025	18.120	ng/ul	87
8) Phenol	6.981	94	452398	16.625	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.204	93	369990	17.063	ng/ul	87
12) 2-Chlorophenol	7.351	128	378790	19.216	ng/ul#	89
13) 2-Methylphenol	8.228	108	350529	18.473	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.304	45	513096	12.570	ng/ul#	93
16) Acetophenone	8.598	105	545487	16.766	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.587	70	266958	15.491	ng/ul#	82
18) 4-Methylphenol	8.557	108	367042	17.213	ng/ul	99
19) Hexachloroethane	8.857	117	160307	18.093	ng/ul	87
22) Nitrobenzene	8.975	77	396112	15.838	ng/ul#	88
23) Isophorone	9.504	82	777407	17.377	ng/ul#	93
25) 2-Nitrophenol	9.686	139	217256	22.509	ng/ul#	82
26) 2,4-Dimethylphenol	9.757	107	374469	18.106	ng/ul	91
27) Bis(2-Chloroethoxy)met...	9.986	93	482285	17.625	ng/ul	97
29) 2,4-Dichlorophenol	10.228	162	350516	20.141	ng/ul	97
30) Naphthalene	10.622	128	1200807	18.879	ng/ul	100
32) 4-Chloroaniline	10.733	127	459831	17.922	ng/ul	100
33) Hexachlorobutadiene	10.910	225	230908	20.081	ng/ul	99
34) Caprolactam	11.510	113	117122m	21.043	ng/ul	
35) 4-Chloro-3-methylphenol	11.869	107	353504	19.623	ng/ul	92

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.233	142	792172	19.602	ng/ul	98
37) 1-Methylnaphthalene	12.457	142	811060	19.726	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	418075	18.601	ng/ul#	97
40) Hexachlorocyclopentadiene	12.586	237	272906	20.075	ng/ul	97
41) 2,4,6-Trichlorophenol	12.851	196	278823	21.440	ng/ul	98
42) 2,4,5-Trichlorophenol	12.927	196	293262	20.622	ng/ul	96
43) 1,1'-Biphenyl	13.251	154	1012403	18.314	ng/ul#	97
44) 2-Chloronaphthalene	13.292	162	809971	18.944	ng/ul	96
45) 2-Nitroaniline	13.498	65	214277m	15.788	ng/ul	
47) Dimethylphthalate	13.874	163	994129	19.610	ng/ul	99
48) 2,6-Dinitrotoluene	13.992	165	204947	23.019	ng/ul#	79
50) Acenaphthylene	14.139	152	1313193	19.619	ng/ul	98
51) 3-Nitroaniline	14.327	138	215877	20.034	ng/ul	81
52) Acenaphthene	14.480	153	847769	17.917	ng/ul	98
53) 2,4-Dinitrophenol	14.539	184	138813	25.232	ng/ul#	69
55) 4-Nitrophenol	14.651	109	166675	19.918	ng/ul#	79
56) Dibenzofuran	14.816	168	1174635	18.443	ng/ul	95
57) 2,4-Dinitrotoluene	14.786	165	289888	21.678	ng/ul#	71
58) 2,3,4,6-Tetrachlorophenol	15.051	232	249880	22.292	ng/ul#	91
59) Diethylphthalate	15.239	149	987313	19.464	ng/ul	97
61) Fluorene	15.468	166	946925	17.821	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.463	204	476591	18.981	ng/ul	93
63) 4-Nitroaniline	15.486	138	210628	20.126	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.551	198	182376	20.611	ng/ul#	84
67) N-Nitrosodiphenylamine	15.674	169	793830	18.668	ng/ul	97
68) 4-Bromophenyl-phenylether	16.351	248	291452	20.720	ng/ul	97
69) Hexachlorobenzene	16.474	284	344834	21.066	ng/ul#	89
70) Atrazine	16.627	200	292660	20.675	ng/ul	98
71) Pentachlorophenol	16.815	266	248716	23.895	ng/ul	100
72) Phenanthrene	17.204	178	1473683	18.415	ng/ul	99
74) Anthracene	17.292	178	1514124	18.551	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	411535	18.214	ng/uL	98
76) Pentachlorobenzene	14.739	250	403731	18.306	ng/uL	98
77) Carbazole	17.562	167	1358322	18.360	ng/ul	98
78) Di-n-butylphthalate	18.127	149	1784373	21.664	ng/ul#	98
80) Fluoranthene	19.215	202	1699221	21.486	ng/ul	99
82) Pyrene	19.580	202	1772451	20.136	ng/ul	96
83) Butylbenzylphthalate	20.468	149	787618	25.310	ng/ul	84
84) 3,3'-Dichlorobenzidine	21.292	252	528467	21.138	ng/ul	99
85) Benzo(a)anthracene	21.368	228	1667206	20.125	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.286	149	1135093	24.295	ng/ul#	97
87) Chrysene	21.433	228	1546663	19.151	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	1976540	22.999	ng/ul	100
90) Benzo(b)fluoranthene	23.439	252	1628339	19.597	ng/ul	99
91) Benzo(k)fluoranthene	23.497	252	1628889	19.172	ng/ul	99
93) Benzo(a)pyrene	24.244	252	1547927	19.615	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.768	276	1872137	18.512	ng/ul	100
95) Dibenzo(a,h)anthracene	27.821	278	1578114	19.041	ng/ul	98
96) Benzo(g,h,i)perylene	28.826	276	1504115	18.983	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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